

The Secretary read the description of a new and improved field transit instrument, manufactured by Messrs. Heller and Brightley of Philadelphia; and exhibited the parts of the instrument which show improvements.

The Secretary read from Mr. Jno. Fulton's report of the Mammoth Fossil Ore bed discovered in 1867, in Woodcock Valley, Blair Co., Pa., in evidence of what important discoveries may still be made in districts of the State supposed to be well known.

The Secretary offered for publication in the Proceedings, a Grammar and Vocabulary of the Mexican language, by Mr. Adolf Burck, which was referred to Dr. Brinton.

Mr. Chase exhibited two corresponding Curves; one of the annual auroral curve at New Haven; the other of the annual rain curve at Philadelphia; and described the probable cause of their agreement.

And the Meeting was adjourned.

---

*Stated Meeting, June 16, 1871.*

PROF. C. B. TREGO, in the Chair.

Present, five members.

A photograph of Mr. Joseph Saxon was presented by himself, for insertion in the Album.

A letter of envoy was received from the U. S. Naval Observatory.

Donations for the library were received from the Berlin Academy, London Astronomical Society, Editors of Nature, Geological Survey of Canada, Essex Institute, Boston Public Library, Massachusetts Historical Society, Editors of Old and

New, Cambridge Museum of Comparative Zoology, Mr. Edmund Quincy, Silliman's Journal, New York State Library, American Literary Bureau, Franklin Institute, Medical News, College of Pharmacy, Board of Water Works, Fairmount Park Commission, Penn Monthly, C. M. Wheatley of Phoenixville, Pennsylvania Board of Public Charities, Smithsonian Institute, U. S. N. Observatory, and Georgia Historical Society.

The Committee to whom was referred the Aztec grammar and vocabulary of Mr. Burck, reported against its publication, and the Committee was discharged from further consideration of the subject.

Mr. H. W. Field, a member of the Society, was appointed to prepare an obituary notice of the late Sir John F. W. Hershel.

Mr. Lesley communicated to the members present, certain geological facts respecting the percentage of volatile matter in the six-foot coal bed near Ursina, Somerset County, Pennsylvania, and the percentage of titanitic acid in the iron ores near Greensboro, North Carolina, with a view to placing them on record.

Mr. Chase communicated a note upon the English wind-tables, and a note upon the nature of the Tidal Wave.

Mr. Cope announced that 800 species of fish had been received by him from Vienna, in good condition, being that part of Prof. Hyrtl's Osteological Collection which Prof. Cope had secured, against the competition of the British Museum, and other European Cabinets desirous of possessing it, and described the admirable character of the preparations.

Pending nominations, Nos. 677 and 678 were read.

An extract was read from a letter of M. Carlier to M. Durand, respecting the Michaux rentes.

On motion of Mr. Cope, an appropriation was made of an additional sum of \$35, to cover the total expense for the illustrations of his paper on *Megaptera Bellicosa*, published in the proceedings, and his paper on the Fishes of the Lesser Antilles, published in the transactions.

And the meeting was adjourned.